

Date: 16/10/2019

REPORT

AICTE Sponsored International Conference on

“Computer Aided Drug Delivery”

11th -12th October 2019

AICTE Sponsored International Conference on ‘Computer Aided Drug Delivery’ was organized by Babaria Institute of Pharmacy, BITS Edu Campus managed by Shree Krishna Educational Charitable Trust, Vadodara on 11-12th October 2019. Dr. Vandana B. Patel, Principal, Babaria Institute of Pharmacy, was the Convener and Dr. Naazneen Surti, Professor, Babaria Institute of Pharmacy, was Co-ordinator of the conference. More than 110 delegates, from academia and pharmaceutical industry participated in the seminar. The conference was co-sponsored by Vasu Healthcare Ltd., Vadodara, Bharat Parenterals Ltd and Schott Glass India Pvt. Ltd. The venue for the first day of the conference was Prakruti Resort, Vadodara and second day was at Babaria Institute of Pharmacy, BITS Edu campus, Vadodara.

The conference was inaugurated by the chief guest Prof. Mukesh Gohel, Research Director, Anand Pharmacy College, Anand; Guest of Honor, Prof. Bhupinder Singh Bhoop, Professor, UIPS, Panjab University, Chandigarh; Shri S. K. Patel, Campus Director, BITS Edu Campus and Smt. Kamalben J. Patel, Joint Managing Trustee, Shree Krishna Educational & Charitable trust. Inaugural function started with prayer and lamp lighting. Dr. Naazneen Surti delivered a welcome speech and gave overview of the conference. She appreciated AICTE, co-sponsors of the event and management, BITS Edu Campus for providing financial assistance and encouragement for conducting the conference. Proceedings of Conference on CADD 2019, was released by the dignitaries present on the dias. Inaugural function ended by Vote of thanks proposed by Dr. Manisha Lalan, Associate Professor, BIP & Co Co-ordinator of the conference.

First technical session started by the expert talk by Prof. Mukesh Gohel on ‘Critical Points for Improving Predictability of Mathematical models: Multicollinearity, variance inflation factor, Residual analysis, Lack of fit’. Sir explained the significance and calculation of these factors to improve predictability of models.

Prof. Bhupinder Singh Bhoop delivered a talk on “Newer Paradigms in Computer Aided Design & Development of Drug Delivery Systems.” He explained the concept of quality and how computer aided delivery system designing could achieve it in a very interesting and lucid manner.

The post lunch session started with a talk by Dr. L. D. Patel, Former Principal, Sharda School of Pharmacy, Ahmedabad. He delivered a talk on ‘PK, PD & BA in Computer Aided Drug Delivery’, wherein he explained the basic parameters of pharmacokinetics, pharmacodynamics and bioavailability, and the use of computers in their calculation.

Dr. L K Sharma, Scientist –E, Informatics, Systems & Research Management, Indian Council of Medical Research, Delhi delivered a talk on ‘Application of ANN in drug delivery’. His deliberation was based on the basic concepts of neural networking and its application in the field of pharmacy. The Last talk of the day was delivered by Dr Chandramouli Radhakrishnan, Software Support Analyst Certara University, Australia. He gave brief introduction to WinNolin Software and its applications.

The second day of the conference started with hands on training for WinNolin software. Participants were divided into three batches and Dr Chandramouli Radhakrishnan demonstrated the use of the software, using case studies. Participants interacted with him and expressed their desire to get more detailed training in future.

Post lunch session witnessed poster presentations by the participants. Total 56 posters were presented by participants. Dr. Lalit Lata Jha, Director, School of Pharmacy, Parul University; Dr. Vipul Vaghela, Professor, A. R. College of Pharmacy; Dr. Sapna Desai, Associate Professor, Pioneer Degree Pharmacy college were invited as Judges for the poster evaluation.

Winners of the poster presentation events were felicitated by cash prizes. Dr. Ashok Mahajan gave brief overview of the conference and proposed vote of thanks.

Participants actively enthusiastically interacted with the resource persons and shared their views and cleared their doubts. They gave feedback about need of conducting more of such conferences on current topics demanded by industry.



Inauguration of the AICTE Sponsored Conference on Computer Aided Drug Delivery



Unveiling of Conference Proceedings



Chief Guest, Prof M C Gohel addressing the audience



Guest of honour, Prof Bhoopinder Singh Bhoop addressing the audience



Dr. L K Sharma addressing the audience



Dr. L D Patel addressing the audience



Poster Presentation Session



Poster Presentation Session



Dr. Chandramouli Radhakrishnan giving Hands-on training on Winnolin Software



Team – CADD 2019

Dr. Naazneen Surti
Co ordinator- Conference

Dr. Vandana B.Patel
Convener-Conference &
Principal, BIP

Dr. Dimal Shah
Co -Coordinator Conference

Dr. Ashok Mahajan
Co-Coordinator Conference

Dr. Manisha Lalan
Co-Coordinator Conference